Index of Claims

| Application/Control N | 0 | ١. |
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09/823,871

Examiner Michael J. Moore, Jr. Applicant(s)/Patent under Reexamination

STILES ET AL.

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| / | Rejected | _ | (Through numeral)<br>Cancelled |
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| = | Allowed  | ÷ | Restricted                     |

| Z | Non-Elected  |
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| _ | Interference |

| A | Appeal   |
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| o | Objected |

| Cla      | aim      |        |                       |         | Dat     | te                                     |              |          |          |      | Cla        | im                |          |              |                                     | C | Date     |          |         | -       | ]        | C         | laim         |                                     |          |   |        | ate      | ,        |         |          |           |
|----------|----------|--------|-----------------------|---------|---------|--|--------------|----------|----------|------|------------|-------------------|----------|--------------|-------------------------------------|---|----------|----------|---------|---------|----------|-----------|--------------|-------------------------------------|----------|---|--------|----------|----------|---------|----------|-----------|
|          | al       |        |                       |         |         |  |              |          |          |      |            | <u>~</u>          |          |              |                                     |   |          |          |         |         | 1        |           | <del> </del> |                                     |          |   |        | ı        |          |         |          |           |
| Final    | Original | 6/4/05 |                       |         |         |  |              |          |          |      | Final      | Original          | 6/4/05   |              |                                     |   |          |          | - 1     | İ       |          | Final     | Original     |                                     |          |   |        |          | ĺ        | 1       |          |           |
| 造        | , rig    | 6/4    |                       |         |         |  |              |          |          |      | Œ          | Ę,                | 24       |              |                                     |   |          |          |         |         |          | 诓         | 😤            |                                     |          |   |        |          |          |         |          |           |
|          | ٥        |        |                       |         |         |  |              |          |          |      |            |                   |          |              |                                     |   |          |          |         |         | ]        |           |              |                                     |          |   |        |          |          |         |          |           |
|          | 1        | √      |                       |         |         |  |              |          |          |      |            | 51                | 0        |              |                                     |   |          |          |         |         | ]:::::   |           | 101          |                                     |          |   |        |          |          |         |          |           |
|          | 2        | 1      |                       |         |         |  |              |          |          |      |            | 52                | 0        |              |                                     |   |          |          |         |         |          |           | 102          |                                     |          |   |        |          |          |         |          |           |
|          | 3        | 4      |                       |         |         |  |              |          |          |      |            | 53                | 0        |              |                                     |   |          | _        |         |         |          |           | 103          |                                     |          |   |        |          |          |         |          |           |
|          | 4        | 7      |                       |         |         |  |              |          |          |      |            | 54                | 0        |              |                                     |   |          |          |         |         |          |           | 104          |                                     |          |   |        | 1        | l        |         |          |           |
|          | 5        | 7      |                       |         |         |  |              |          |          |      |            | 55                | 0        |              |                                     |   |          |          |         | Ш.      | ]        |           | 105          |                                     |          |   |        | $ \bot $ |          |         |          |           |
|          | 6        | 4      |                       |         |         |  |              | Ш        |          |      |            | 56                | 0        |              |                                     | Ш |          |          |         |         | J        |           | 106          |                                     |          |   |        |          | _        |         |          |           |
|          | 7        | 1      |                       |         |         |  |              |          | _        |      |            | 57                | 0        |              |                                     | Ш |          | _        |         |         | J        |           | 107          | Щ                                   |          |   |        |          |          |         |          |           |
|          | 8        | 7      |                       | $\perp$ |         |  |              |          |          |      |            | 58                | 0        |              |                                     | Ш |          | $\perp$  |         |         | J        |           | 108          |                                     |          |   |        |          |          |         |          |           |
|          | 9        | 7      |                       |         |         |  |              |          |          |      |            | 59                | 0        |              | Щ                                   | Ш |          | ٠        | $\perp$ |         | ]        |           | 109          |                                     |          |   |        | _        |          | $\perp$ |          |           |
|          | 10       | 7      |                       |         |         |  |              | $\Box$   | _        |      |            | 60                | 1        |              |                                     | Ш |          | $\Box$   | $\perp$ | ┸       | ]        |           | 110          |                                     |          |   |        |          |          |         | ŀ        | ]         |
|          | 11       | 4      | $\Box$                |         |         |  | $\Box$       | Ш        |          |      |            | 61                | 1        |              |                                     | Ш |          |          | $\perp$ |         | 1        | L         | 111          | $\sqcup$                            |          |   | $\Box$ |          |          |         |          |           |
|          | 12       | 4      | $\Box$                |         |         |  |              | Ш        |          |      |            | 62                | 1        |              | Ш                                   | Ш |          |          |         | $\perp$ | 1        |           | 112          |                                     |          |   |        |          |          |         |          |           |
|          | 13       | 1      | Ш                     | $\perp$ |         | L                                      | L            | Ш        | _        |      |            | 63                | 1        | <u> </u>     | Ш                                   | Ш |          |          | $\perp$ | _       | 1        |           | 113          |                                     |          |   |        | _        |          | $\perp$ | $\dashv$ |           |
|          | 14       | 1      | Ш                     |         | $\perp$ |  | _            |          |          |      |            | 64                | 1        |              |                                     |   |          |          |         | 4       | 1        |           | 114          | Щ                                   |          |   |        |          |          |         |          |           |
|          | 15       | 1      | Ш                     | Ţ       |         | <u> </u>                               |              | $\sqcup$ |          |      |            | 65                | √        | $oxed{oxed}$ |                                     | Ш |          |          | $\bot$  |         | 1        | <u> </u>  | 115          | <u> </u>                            |          | Ш |        |          |          |         |          | Щ         |
|          | 16       | 1      | Ш                     |         | ┸       | <u> </u>                               | <u> </u>     |          | _        |      |            | 66                | √        |              |                                     |   |          | $\dashv$ |         |         |          |           | 116          |                                     |          |   |        | _        |          | _       | _        |           |
|          | 17       | 1      | Ш                     | $\perp$ |         |  | <u> </u>     | Ш        | $\Box$   |      |            | 67                | 1        |              |                                     | Ш | $\Box$   |          |         |         | 1        | <u> </u>  | 117          | Щ                                   | Ш        | Ш |        | _        |          |         |          |           |
|          | 18       | 1      |                       | $\perp$ | $\perp$ |  |              | Ш        |          |      |            | -66               |          |              | . :                                 |   |          | $\perp$  |         |         | J:::::   |           | 118          |                                     |          |   |        | _        |          | $\perp$ |          |           |
|          | 19       | 1      |                       |         |         |  |              |          |          |      |            | - <del>09</del> - |          |              |                                     |   |          |          |         |         | ]:::::   |           | 119          |                                     |          |   |        |          |          |         | $\perp$  |           |
|          | 20       | 4      |                       |         |         |  |              |          |          |      |            | <del>-70-</del>   |          |              |                                     |   |          |          |         |         | ]:::::   |           | 120          |                                     |          |   |        |          |          |         |          |           |
|          | 21       | 7      |                       |         |         |  |              |          |          |      |            | 71                |          |              |                                     |   |          |          |         | 1_      | ]        |           | 121          |                                     |          |   |        |          |          |         |          |           |
|          | 22       | 7      |                       |         |         |  |              |          |          |      |            | 72                |          |              |                                     |   |          |          | Ĺ       |         |          |           | 122          |                                     |          |   |        |          |          |         |          |           |
|          | 23       | 1      |                       |         | $\perp$ | L                                      |              |          |          |      |            | <del>73</del> -   |          |              |                                     |   |          | $\perp$  |         |         | ]        |           | 123          |                                     |          |   |        | $\Box$   |          |         |          |           |
|          | 24       | 1      |                       |         |         | $\perp$                                |              |          |          |      |            | 74                |          |              |                                     |   |          |          |         |         | ]        |           | 124          |                                     |          |   |        |          |          | $\perp$ | $\perp$  |           |
|          | 25       | 7      |                       |         |         |  |              |          |          |      |            | 75                |          |              |                                     |   |          |          |         |         | ]        |           | 125          |                                     |          |   |        |          |          |         |          |           |
|          | 26       | 4      |                       |         | L       | L                                      |              |          |          |      |            | 70-               |          |              |                                     |   |          |          |         |         | ]        |           | 126          |                                     |          |   |        |          |          |         |          |           |
|          | 27       | 0      |                       | $\bot$  |         |  |              |          | _        |      |            | 77-               |          |              |                                     |   |          |          |         |         | ]        |           | 127          |                                     |          |   |        | $\Box$   |          |         |          |           |
| <u> </u> | 28       | 4      |                       | $\perp$ | ┸       | ╙                                      | L            | Ш        | _        |      |            | <del>-78-</del>   |          |              |                                     |   |          | _        |         | $\perp$ | <u> </u> | <u> </u>  | 128          |                                     |          |   |        |          |          |         | _        | ${} \bot$ |
|          | 29       | 1      |                       | $\perp$ | ┸       |  |              | Ш        | $\Box$   |      |            | <del>79</del> -   |          |              |                                     |   | Ш        | $\Box$   |         |         |          |           | 129          |                                     |          |   |        |          |          |         |          | $\Box$    |
|          | 30       | 1      |                       | $\perp$ | 1       |  |              | Ш        | _        |      |            | 80                |          |              |                                     |   |          |          |         | $\perp$ |          | <u> </u>  | 130          |                                     |          |   |        |          |          |         | _        | Ц         |
| <u></u>  | 31       | 1      |                       | ┸       | ┸       | ┸                                      | L            | Ш        |          |      |            | 81                |          |              |                                     |   |          |          |         |         | <b>.</b> |           | 131          |                                     |          |   |        |          |          |         |          | _         |
| <u></u>  | 32       | 1      | $\sqcup \!\!\! \perp$ | $\perp$ | $\perp$ | $\perp$                                | $oxed{oxed}$ | Ш        | _        |      |            | 82                | <u> </u> | _            | Щ.                                  |   | Ц        | $\perp$  | $\perp$ | $\bot$  | 1        | <u> </u>  | 132          | <u> </u>                            |          | Ш |        |          |          |         |          |           |
|          | 33       | 1      |                       | $\perp$ | $\perp$ | $\perp$                                | $\perp$      | Ш        | _        |      |            | 83                | <u>L</u> | L_           | Щ                                   | Ш | Ш        |          | $\perp$ | $\perp$ | 1        | <u> -</u> | 133          | Щ                                   |          | Ш |        |          |          | _       | _        | [         |
| <u></u>  | 34       | √      |                       | $\perp$ | $\perp$ | $\perp$                                | Ш            | Ц        | _        |      |            | 84                | <u> </u> | L            |                                     | Ш | Ш        | _        |         |         | 4        | <u> </u>  | 134          | Щ                                   |          | Щ |        |          |          |         |          |           |
|          | 35       | 0      | $\sqcup$              | $\perp$ | $\perp$ | 1                                      |              | Ш        | _        |      |            | 85                | <u> </u> | _            | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ |   | Ц        | _        | $\perp$ | $\bot$  | 4        | <u> </u>  | 135          | Ľ.                                  |          | Щ |        | _        | ļ        | _       | _        | _         |
|          | 36       | 0      | $\sqcup \!\!\! \perp$ | $\perp$ | $\bot$  | _                                      | <u> </u>     | $\sqcup$ | _        |      |            | 86                | <u> </u> | Щ            | _                                   |   |          | _        | $\perp$ | $\bot$  | 4        |           | 136          | lacksquare                          |          | Ш |        |          |          | _       | _        | ᅵ         |
|          | 37       | 1      | $\sqcup \bot$         | $\perp$ | $\perp$ | $\perp$                                | $\perp$      | Ш        | _        |      |            | 87                | <u> </u> | L            | L                                   | Щ |          | _        |         | $\bot$  |          |           | 137          |                                     |          | Ш |        |          |          | _       | _        |           |
| L        | 38       | 1      | $\sqcup$              | $\perp$ | $\perp$ | $\perp$                                | ┕            | Ш        | _        |      |            | 88                | <u> </u> | L            | _                                   | Щ | $\sqcup$ | _        | $\perp$ |         | 1        | <u> </u>  | 138          | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | Ш        | Ш | $\Box$ |          | _        | _       | _        | $\Box$    |
|          | 39       | 1      | $\sqcup$              | $\bot$  | $\perp$ | _                                      | $\vdash$     | Ш        | _        |      |            | 89                | <u> </u> | ļ            | <u> </u>                            |   | $\Box$   | _        | _       | 4       | 4        |           | 139          |                                     | Ш        |   |        |          |          | _       | _        | _         |
| L        | 40       | √,     | $\sqcup$              | $\bot$  | $\bot$  | ↓_                                     | <u> </u>     | $\sqcup$ | <u>l</u> |      |            | 90                | <u> </u> |              | Щ.                                  | Щ | Ц        | _        | $\perp$ | $\perp$ | 4        | <u> </u>  | 140          | <u> </u>                            | <u> </u> | ш |        | _        | _        |         | _        | _         |
|          | 41       | √,     | $\sqcup$              |         | 4       | ╀                                      | <u> </u>     | $\sqcup$ | _        |      |            | 91                |          |              |                                     |   | $\sqcup$ | _        |         |         | 4        |           | 141          | _                                   |          | Щ |        |          | $\dashv$ | _       | _        | _         |
|          | 42       | 1      |                       | $\perp$ | $\perp$ | 1                                      | _            | Ш        | _        |      |            | 92                | <u>L</u> | <u> </u>     | L                                   |   |          | _        | $\perp$ |         | 4        | <u> </u>  | 142          | _                                   |          |   |        |          | $\Box$   | _       | _        | _         |
| <u> </u> |          | 0      | $\sqcup \bot$         | $\perp$ | $\perp$ | $\perp$                                | $\vdash$     | Ц        | _        |      |            | 93                | <u> </u> | ļ            | Щ                                   | Ш | $\sqcup$ | _        | _       |         | 4        |           | 143          | lacksquare                          | Щ        |   |        | _        | _        | 4       | _        | _         |
| <u> </u> | 44       | 0      | $\sqcup$              | $\bot$  | $\perp$ | 1                                      | <u> </u>     | $\sqcup$ | _        |      |            | 94                | L        | Ш            | _                                   | Щ | $\sqcup$ | _        | _       |         | 4        |           | 144          | $\vdash$                            | Щ        | Ш | $\Box$ | _        | _        | 4       | _        | $\dashv$  |
| <u> </u> | 45       | 0      | $\sqcup$              | $\perp$ | $\perp$ | ــــــــــــــــــــــــــــــــــــــ | <u></u>      | Ш        |          |      |            | 95                | <u> </u> |              | L.,                                 | Ш | Ш        | _]       |         |         | 1        |           | 145          | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ |          | Щ |        |          | _        | _       |          | $\dashv$  |
| <u> </u> |          | 0      | $\sqcup$              | $\bot$  | 1       | ╄-                                     | <u> </u>     | Щ        | _        |      | L          | 96                | <u> </u> | _            | Щ                                   | Ш |          | _        | _       |         | 4        |           | 146          |                                     | Щ        | Ш | $\Box$ | _        | _        | _       | _        | _         |
|          | 47       | 0      | $\sqcup$              | $\perp$ | _       | ↓_                                     | <u> </u>     | Ш        | _        |      | لــــــــا | 97                | <u> </u> | _            |                                     |   | Ц        |          | _       |         | 4        | <u> </u>  | 147          | <u> </u>                            | Щ        |   |        |          | _        | _[      | _        | _         |
|          | 48       | 0      | $\sqcup \!\!\! \perp$ | $\perp$ | 1_      | 1_                                     | $oxed{oxed}$ | Ш        | _        |      |            | 98                | <u> </u> | L_           |                                     | Ш |          |          |         | $\bot$  | 1        |           | 148          |                                     |          | Ш |        |          |          | _       |          |           |
|          | 49       | 0      | $\Box$                | $\perp$ | 1_      | 1_                                     | $\vdash$     | Ш        | _        |      |            | 99                | <u> </u> | <u> </u>     |                                     | Ш |          | _        |         |         | 4        | <u> </u>  | 149          |                                     | Ш        | Ш |        |          | $\perp$  | $\perp$ | _        |           |
| L        | 50       | 0      |                       | $\perp$ |         |  |              | Ш        |          | :::: |            | 100               | L        | L            |                                     |   |          | 1        |         |         | ]:::::   | L         | 150          |                                     |          |   |        |          |          |         |          |           |